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TECH CENTER 1600/2900



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## RAW SEQUENCE LISTING

DATE: 03/01/2002

PATENT APPLICATION: US/10/077,894

TIME: 12:45:38

Input Set : N:\Crf3\RULE60\10077894.raw

Output Set: N:\CRF3\03012002\J077894.raw

1 <110> APPLICANT: Bartlett, Richard J.  
 2 Rando, Thomas A.  
 3 <120> TITLE OF INVENTION: Use of Chimeric Mutational Vectors to  
 4 Change Endogenous Nucleotide Sequences In Solid Tissues  
 5 <130> FILE REFERENCE: PM 263768  
 6 <140> CURRENT APPLICATION NUMBER: 10/077,894  
 7 <141> CURRENT FILING DATE: 2002-02-20  
 9 <150> PRIOR APPLICATION NUMBER: 09/576,081  
 10 <151> PRIOR FILING DATE: 2000-05-20  
 12 <150> PRIOR APPLICATION NUMBER: 60/135,139  
 13 <151> PRIOR FILING DATE: 1999-05-21  
 14 <150> PRIOR APPLICATION NUMBER: 60/174,388  
 15 <151> PRIOR FILING DATE: 2000-01-05  
 16 <160> NUMBER OF SEQ ID NOS: 20  
 17 <170> SOFTWARE: FastSEQ for Windows Version 3.0  
 19 <210> SEQ ID NO: 1  
 20 <211> LENGTH: 28  
 21 <212> TYPE: DNA  
 22 <213> ORGANISM: Homo sapien  
 23 <400> SEQUENCE: 1  
 24 tgtgtgtgtt ttaggccaga cctctttg 28  
 26 <210> SEQ ID NO: 2  
 27 <211> LENGTH: 28  
 28 <212> TYPE: DNA  
 29 <213> ORGANISM: Canine  
 30 <400> SEQUENCE: 2  
 31 tgtgtgtgtt tcaggccaga cctctttg 28  
 33 <210> SEQ ID NO: 3  
 34 <211> LENGTH: 28  
 35 <212> TYPE: DNA  
 36 <213> ORGANISM: Homo sapien  
 37 <400> SEQUENCE: 3  
 38 tgtgtgtgtt tcgggccaga cctctttg 28  
 40 <210> SEQ ID NO: 4  
 41 <211> LENGTH: 74  
 42 <212> TYPE: DNA  
 43 <213> ORGANISM: Artificial Sequence  
 44 <220> FEATURE:  
 45 <223> OTHER INFORMATION: Chimeric Mutational Vector  
 46 <400> SEQUENCE: 4  
 47 tgtgtgtgtt ttaggccaga cctctttgtt ttcaaagagg ucuggcctaa aacacacaca 60  
 48 cgcgcttttg cgcg 74  
 50 <210> SEQ ID NO: 5

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51 <211> LENGTH: 45
52 <212> TYPE: DNA
53 <213> ORGANISM: Mouse
54 <400> SEQUENCE: 5
55      caaagttctt tgaaagagca acaaaatggc ttcaactatc tgagt      45
57 <210> SEQ ID NO: 6
58 <211> LENGTH: 45
59 <212> TYPE: DNA
60 <213> ORGANISM: Mouse
61 <400> SEQUENCE: 6
62      caaagttctt tgaaagagca ataaaatggc ttcaactatc tgagt      45
64 <210> SEQ ID NO: 7
65 <211> LENGTH: 78
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Chimeric Mutational Vector
70 <400> SEQUENCE: 7
71      tctttgaaag agcaacaaaa tggtttcaac ttttguugaa gccauuttgt tgcucuuuca      60
72      aagacgcgct tttgcgcg      78
74 <210> SEQ ID NO: 8
75 <211> LENGTH: 78
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Chimeric Mutational Vector
80 <400> SEQUENCE: 8
81      tctttgaaag agcaacaaaa tggtttcaac ttttguugaa gccauuttgt tgcucuuuca      60
82      aagacgcgct tttgcgcg      78
84 <210> SEQ ID NO: 9
85 <211> LENGTH: 24
86 <212> TYPE: DNA
87 <213> ORGANISM: Canine
88 <400> SEQUENCE: 9
89      atgcttttgt gggaagaagt agag      24
91 <210> SEQ ID NO: 10
92 <211> LENGTH: 24
93 <212> TYPE: DNA
94 <213> ORGANISM: Canine
95 <400> SEQUENCE: 10
96      gtcactttag gtggccttgg caac      24
98 <210> SEQ ID NO: 11
99 <211> LENGTH: 27
100 <212> TYPE: DNA
101 <213> ORGANISM: canine
102 <400> SEQUENCE: 11
103      atgatgacat caagaaggtg gtgaagc      27
105 <210> SEQ ID NO: 12
106 <211> LENGTH: 26

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107 <212> TYPE: DNA
108 <213> ORGANISM: canine
109 <400> SEQUENCE: 12
110      tctctcctcc tcgcgtgctc ttgctg
111                                     26
112 <210> SEQ ID NO: 13
113 <211> LENGTH: 31
114 <212> TYPE: DNA
115 <213> ORGANISM: Canine
116 <400> SEQUENCE: 13
117      gatttggaat ataatcctcc actggcaggt c
118                                     31
119 <210> SEQ ID NO: 14
120 <211> LENGTH: 26
121 <212> TYPE: DNA
122 <213> ORGANISM: Canine
123 <400> SEQUENCE: 14
124      agtgggtggca acatcttcag gatcaa
125                                     26
126 <210> SEQ ID NO: 15
127 <211> LENGTH: 27
128 <212> TYPE: DNA
129 <213> ORGANISM: Homo Sapien
130 <400> SEQUENCE: 15
131      ctccgatccc aggtcaaaaa tgtaatg
132                                     27
133 <210> SEQ ID NO: 16
134 <211> LENGTH: 26
135 <212> TYPE: DNA
136 <213> ORGANISM: Homo Sapien
137 <400> SEQUENCE: 16
138      ggggatccag gccagaccta tttgac
139                                     26
140 <210> SEQ ID NO: 17
141 <211> LENGTH: 27
142 <212> TYPE: DNA
143 <213> ORGANISM: Homo Sapien
144 <400> SEQUENCE: 17
145      ggggatccga tggtgatacc acctatc
146                                     27
147 <210> SEQ ID NO: 18
148 <211> LENGTH: 25
149 <212> TYPE: DNA
150 <213> ORGANISM: Homo Sapien
151 <400> SEQUENCE: 18
152      ggggatccca tttggaagct cctga
153                                     25
154 <210> SEQ ID NO: 19
155 <211> LENGTH: 29
156 <212> TYPE: DNA
157 <213> ORGANISM: Homo Sapien
158 <400> SEQUENCE: 19
159      ggggatccca tagagtttta atggatctc
160                                     29
161 <210> SEQ ID NO: 20
162 <211> LENGTH: 24
163 <212> TYPE: DNA

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164 <213> ORGANISM: Homo Sapien  
165 <400> SEQUENCE: 20  
166       gttattgctc agcggtggca gcag

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VERIFICATION SUMMARY

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